

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042619AL\
 Data File : FC040875.D
 Signal(s) : FID1A.CH
 Acq On : 26 Apr 2019 12:13
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 26 15:09:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042219.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 22 15:26:11 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.020	2102497	20.181 ug/ml
Spiked Amount 50.000		Recovery =	40.36%
12) S 1-chlorooctadecane (S...	12.448	1654840	19.972 ug/ml
Spiked Amount 50.000		Recovery =	39.94%
Target Compounds			
1) T n-Nonane (C9)	2.861	1915934	21.234 ug/ml
2) T n-Decane (C10)	3.879	1964659	21.393 ug/ml
3) T A~Naphthalene (C11.7)	5.452	2214874	21.314 ug/ml
4) T n-Dodecane (C12)	5.872	1968552	21.235 ug/ml
5) T A~2-methylnaphthalene...	6.501	2222749	21.193 ug/ml
6) T n-Tetradecane (C14)	7.661	1978238	20.781 ug/ml
7) T n-Hexadecane (C16)	9.258	1949061	20.242 ug/ml
8) T n-Octadecane (C18)	10.697	1927843	19.839 ug/ml
10) T n-Eicosane (C20)	12.003	1919779	20.033 ug/ml
11) T n-Heneicosane (C21)	12.614	1901801	20.326 ug/ml
13) T n-Docosane (C22)	13.199	1912027	20.664 ug/ml
14) T n-Tetracosane (C24)	14.300	1939659	21.287 ug/ml
15) T n-Hexacosane (C26)	15.319	1998810	22.269 ug/ml
16) T n-Octacosane (C28)	16.268	2087103	22.272 ug/ml
17) T n-Tricontane (C30)	17.155	2115867	19.795 ug/ml
18) T n-Dotriacontane (C32)	17.985	2009982	20.361 ug/ml
19) T n-Tetratriacontane (C34)	18.802	1670740	21.943 ug/ml
20) T n-Hexatriacontane (C36)	19.823	1466145	21.996 ug/ml
21) T n-Octatriacontane (C38)	21.207	1373554	21.439 ug/ml
22) T n-Tetracontane (C40)	23.123	1349716	21.421 ug/ml

(f)=RT Delta > 1/2 Window

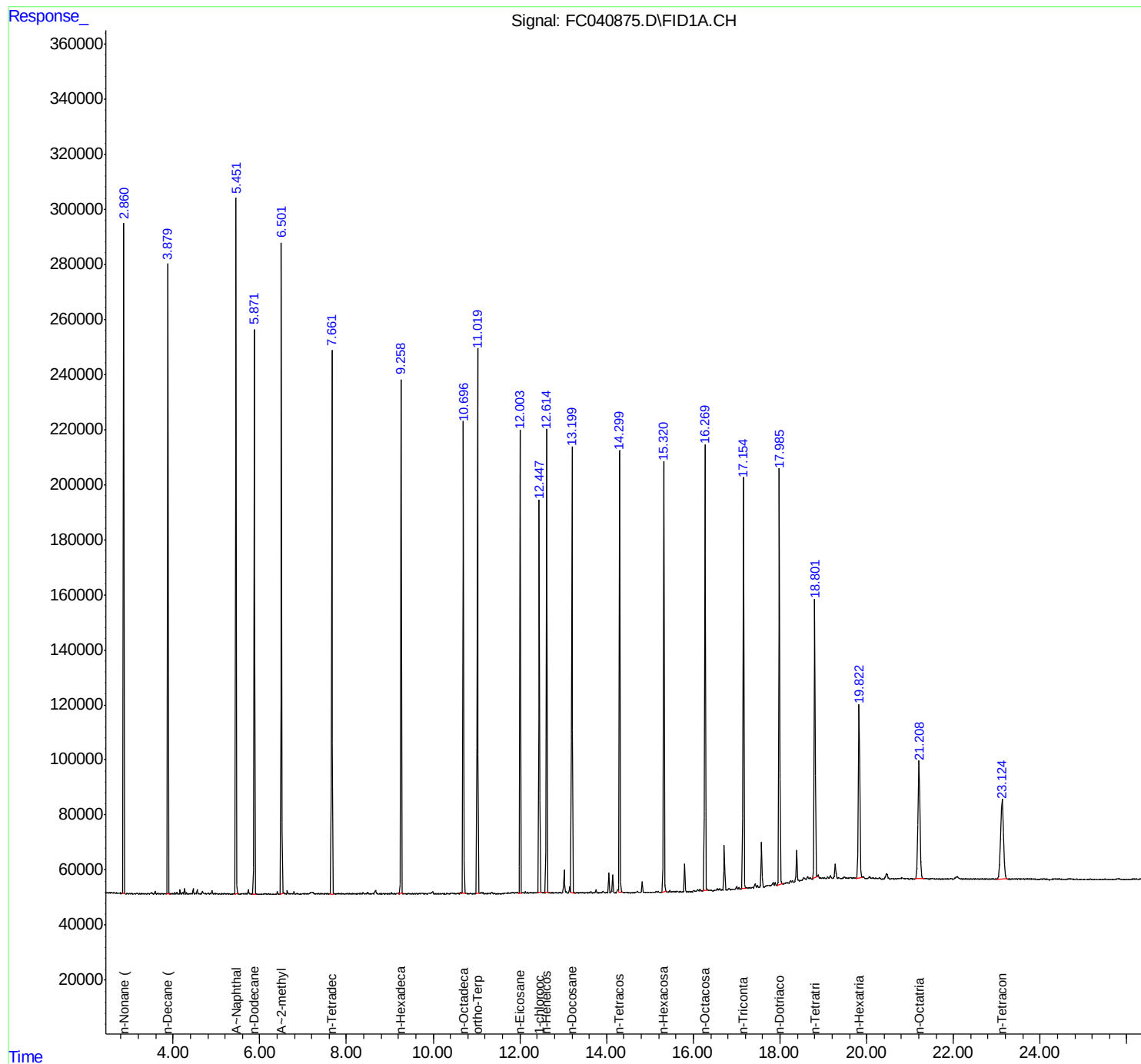
(m)=manual int.

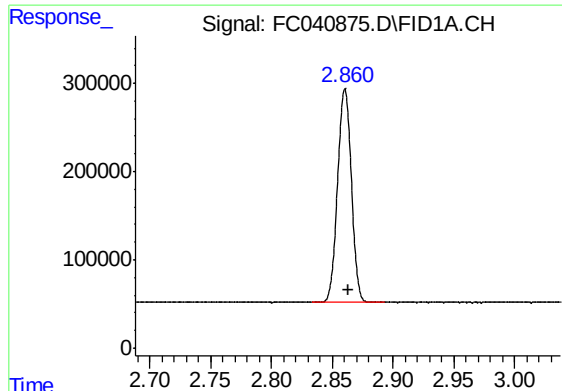
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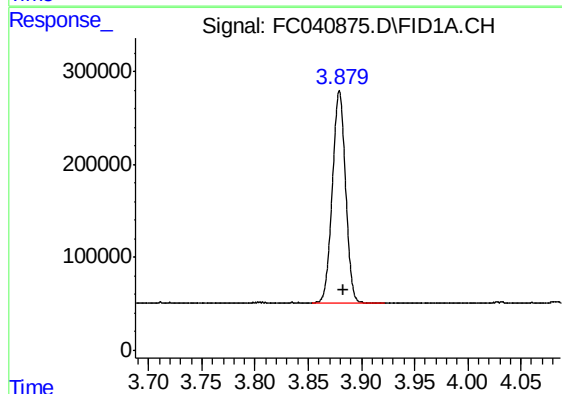




#1 n-Nonane (C9)

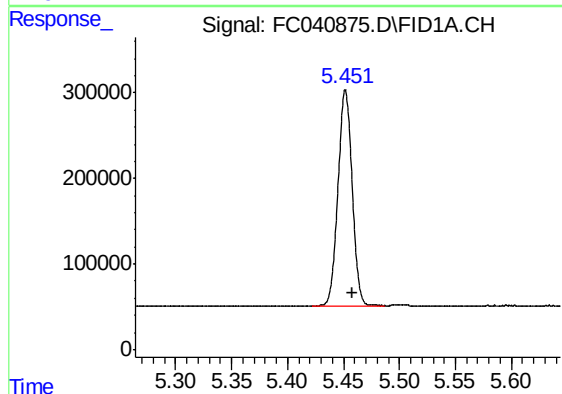
R.T.: 2.861 min
Delta R.T.: -0.003 min
Response: 1915934
Conc: 21.23 ug/ml

Instrument :
FID_C
ClientSampleId :



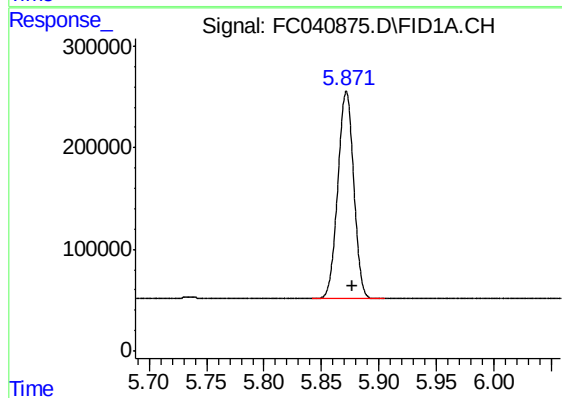
#2 n-Decane (C10)

R.T.: 3.879 min
Delta R.T.: -0.004 min
Response: 1964659
Conc: 21.39 ug/ml



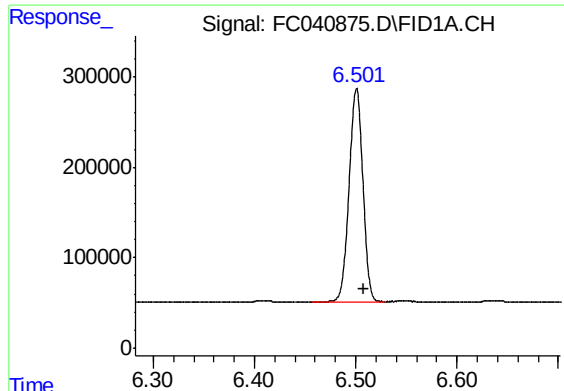
#3 A-Naphthalene (C11.7)

R.T.: 5.452 min
Delta R.T.: -0.007 min
Response: 2214874
Conc: 21.31 ug/ml



#4 n-Dodecane (C12)

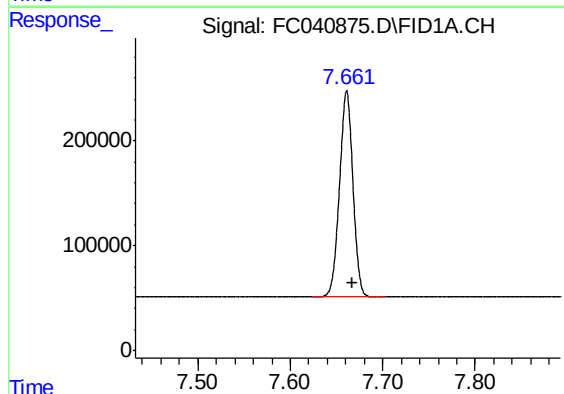
R.T.: 5.872 min
Delta R.T.: -0.005 min
Response: 1968552
Conc: 21.23 ug/ml



#5 A~2-methylnaphthalene (C12.89)

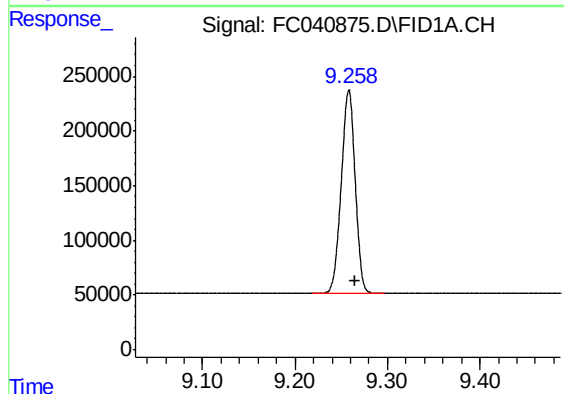
R.T.: 6.501 min
Delta R.T.: -0.007 min
Response: 2222749
Conc: 21.19 ug/ml

Instrument :
FID_C
ClientSampleId :



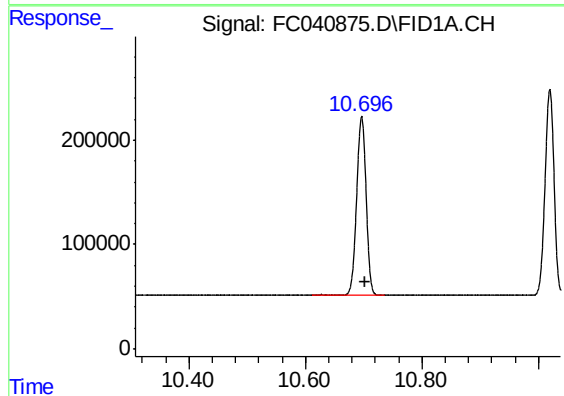
#6 n-Tetradecane (C14)

R.T.: 7.661 min
Delta R.T.: -0.006 min
Response: 1978238
Conc: 20.78 ug/ml



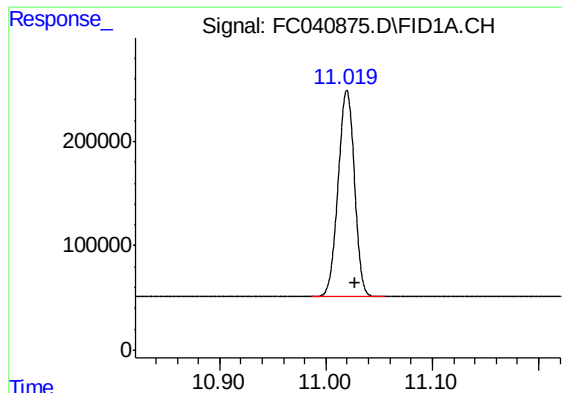
#7 n-Hexadecane (C16)

R.T.: 9.258 min
Delta R.T.: -0.006 min
Response: 1949061
Conc: 20.24 ug/ml



#8 n-Octadecane (C18)

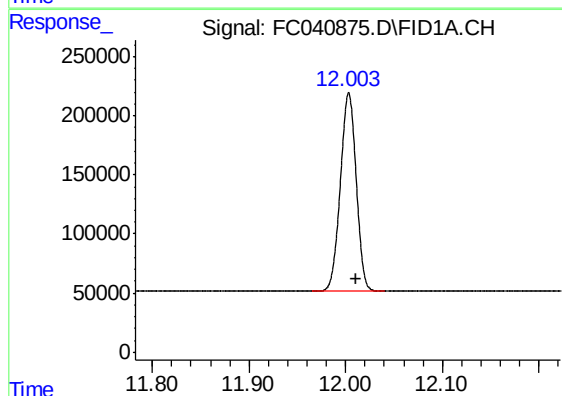
R.T.: 10.697 min
Delta R.T.: -0.006 min
Response: 1927843
Conc: 19.84 ug/ml



#9 ortho-Terphenyl (SURR)

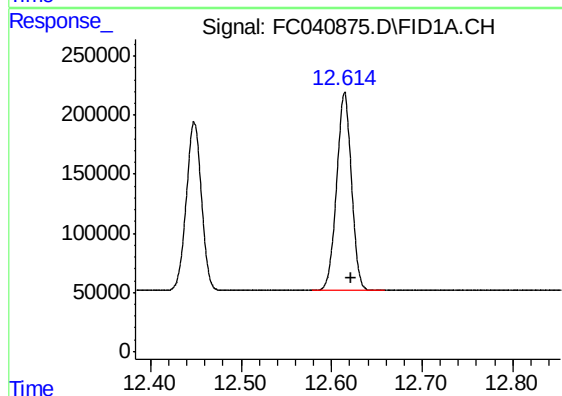
R.T.: 11.020 min
Delta R.T.: -0.008 min
Response: 2102497
Conc: 20.18 ug/ml

Instrument :
FID_C
ClientSampleId :



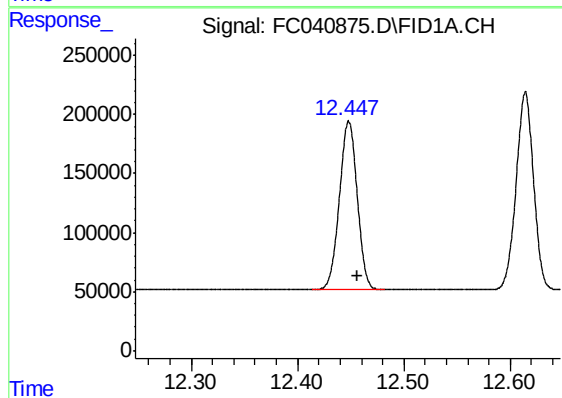
#10 n-Eicosane (C20)

R.T.: 12.003 min
Delta R.T.: -0.007 min
Response: 1919779
Conc: 20.03 ug/ml



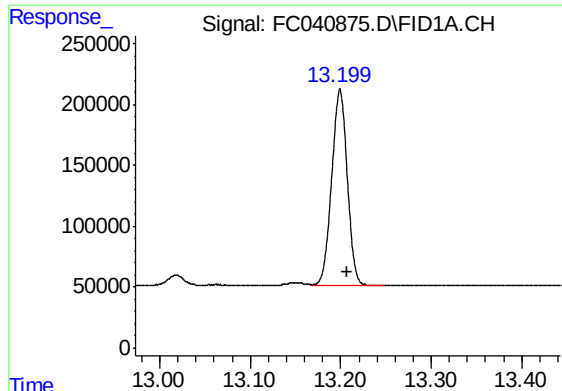
#11 n-Heneicosane (C21)

R.T.: 12.614 min
Delta R.T.: -0.008 min
Response: 1901801
Conc: 20.33 ug/ml



#12 1-chlorooctadecane (SURR)

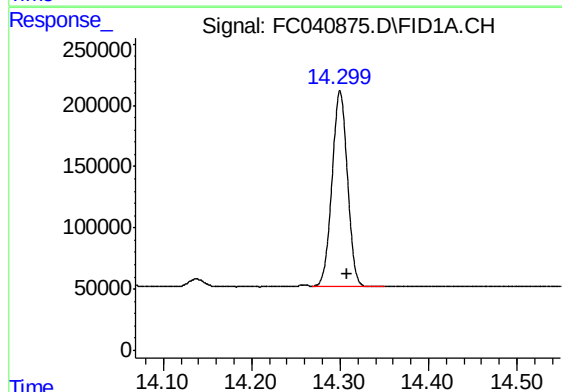
R.T.: 12.448 min
Delta R.T.: -0.008 min
Response: 1654840
Conc: 19.97 ug/ml



#13 n-Docosane (C22)

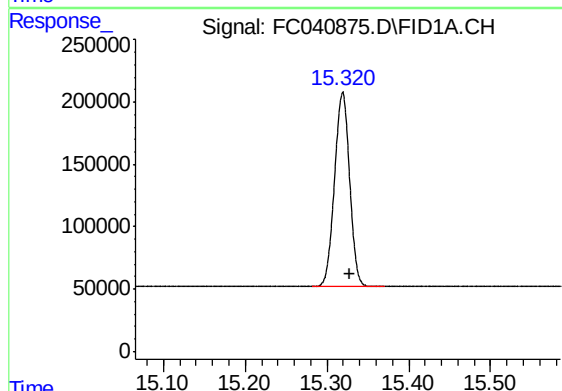
R.T.: 13.199 min
Delta R.T.: -0.008 min
Response: 1912027
Conc: 20.66 ug/ml

Instrument :
FID_C
ClientSampleId :



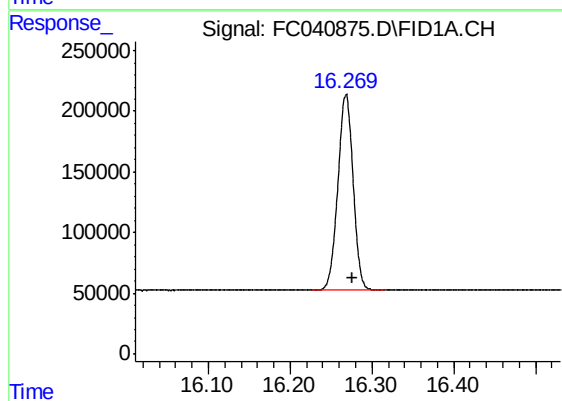
#14 n-Tetracosane (C24)

R.T.: 14.300 min
Delta R.T.: -0.008 min
Response: 1939659
Conc: 21.29 ug/ml



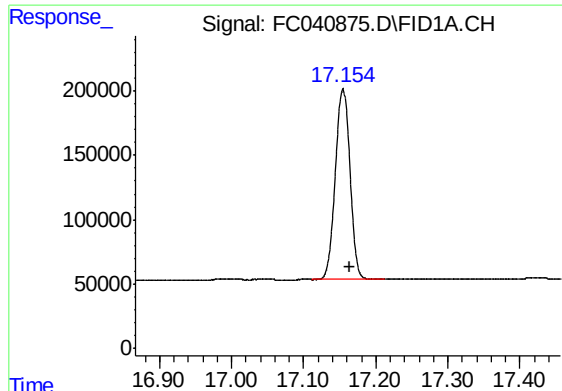
#15 n-Hexacosane (C26)

R.T.: 15.319 min
Delta R.T.: -0.009 min
Response: 1998810
Conc: 22.27 ug/ml



#16 n-Octacosane (C28)

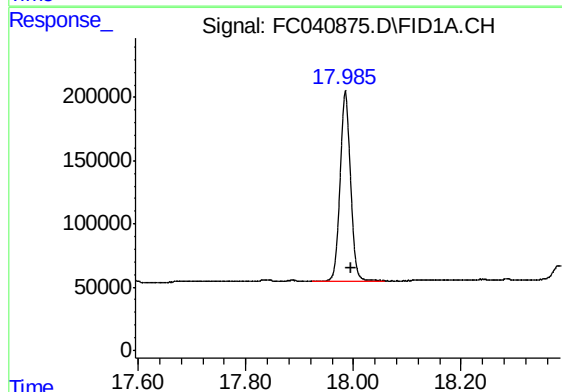
R.T.: 16.268 min
Delta R.T.: -0.008 min
Response: 2087103
Conc: 22.27 ug/ml



#17 n-Tricontane (C30)

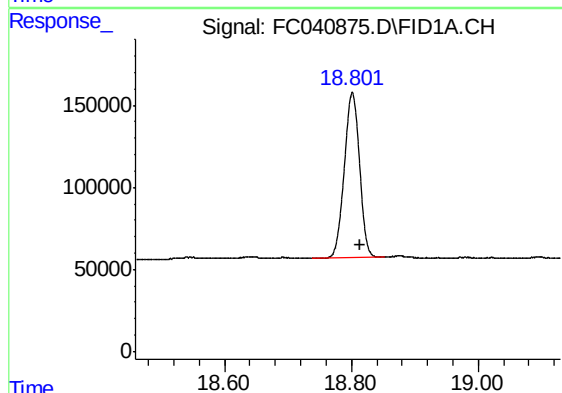
R.T.: 17.155 min
Delta R.T.: -0.009 min
Response: 2115867
Conc: 19.80 ug/ml

Instrument :
FID_C
ClientSampleId :



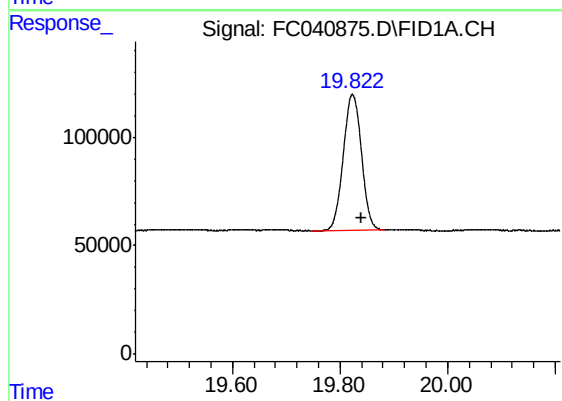
#18 n-Dotriacontane (C32)

R.T.: 17.985 min
Delta R.T.: -0.010 min
Response: 2009982
Conc: 20.36 ug/ml



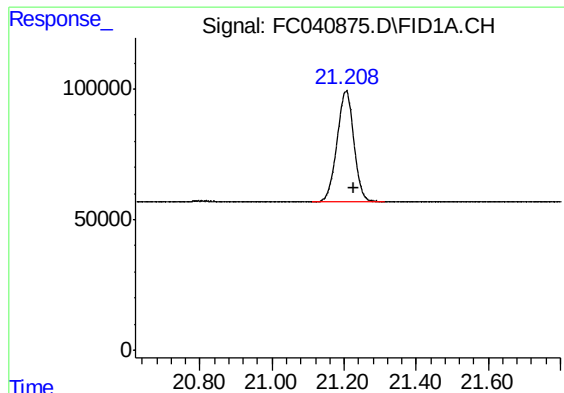
#19 n-Tetratriacontane (C34)

R.T.: 18.802 min
Delta R.T.: -0.011 min
Response: 1670740
Conc: 21.94 ug/ml



#20 n-Hexatriacontane (C36)

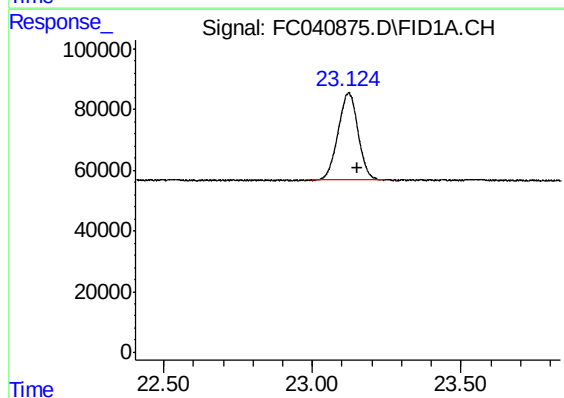
R.T.: 19.823 min
Delta R.T.: -0.016 min
Response: 1466145
Conc: 22.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: -0.019 min
Response: 1373554
Conc: 21.44 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 23.123 min
Delta R.T.: -0.028 min
Response: 1349716
Conc: 21.42 ug/ml